

MSDI Structures Framework Meeting Minutes

February 29, 2012

11:00 – 12:00pm

- **In attendance:** Josh Dorris, Annette Cabrera, Janelle Luppen, Michael Sweet, Ken Wall, Emily Dixon, Bob Cochran, Nancy Stempel, Wendy Largent
- **Framework status update (past and current work)**
 - GIS Coordination website has current status maps (have data for 32 local/tribal), more coming
 - Geocoding web service running; in use on the Cadastral website
 - Based on four addresses locators: Structures Framework, Transportation Framework, an Esri Streets dataset, and ZIP Code points (in that order)
 - Incorporated many address attributes from FGDC/URISA/NENA standard
 - Current address data will be parsed as updates are received
 - Currently working on the Broadband Address File improvement grant (NTIA)
 - 16 counties: Granite, Liberty, Phillips, Daniels, Meagher, Judith Basin, Petroleum, Garfield, McCone, Wheatland, Golden Valley, Treasure, Prairie, Wibaux, Carter, Powder River and 7 Native American reservations: Flathead, Blackfeet, Rocky Boy's, Fort Belknap, Fort Peck, Crow, and Northern Cheyenne.
 - Visiting each, establishing address data sharing relationships
 - Worked with Stillwater County to standardize address database
 - Added Places of worship / churches dataset based on GNIS
 - Started adjusting locations but too many (3,000+)
 - Churches added to Structures Database based on current GNIS locations
 - Locations will be reviewed and updated as needed when individual counties are updated. Updates will be shared at some point with Montana Names Database (and through that with GNIS)
 - Still working on Post Offices and County Courthouses (2012 MLIA grant deliverables)
 - Met with State 9-1-1 Program to discuss Next Generation 9-1-1 and how MSDI and Structures/Addresses might play a role
 - Will try to have periodic meetings to educate each other and look for ways to collaborate
 - Was interviewed as a Next Gen 9-1-1 stakeholder by the consultants assisting the State 9-1-1 Program with their Next Gen 9-1-1 assessment
 - State is still a few years from implementing NG 911 but my impression was MSDI is well positioned and moving in the right direction to play a role in NG 911 when it is implemented
- **MSDI Work Plan (future FY 2013 work)**
 - MSL and the MSDI Theme Leads are currently drafting a MSDI work plan for FY 2013
 - To be discussed at an Intermountain Conference session
 - Currently, the Structures/Addresses theme doesn't have any priority projects or enhancements listed
 - Draft plan currently calls for:
 - Continued maintenance of existing data
 - and establishing relationships with new structures/address data providers in local/tribal governments

- Potential to have just a handful of counties left with address data NOT provided by the local/tribal government
- **Other discussion**
 - Short discussion on tests of commercial geocoding REST APIs and the accuracy in North Dakota (which would likely be similar to Montana).
 - Will investigate if any of these might be a suitable alternative to the “fall back” Esri-based address locator in the Montana geocoding web service.
 - Discussion about address data workflow and what address data counties maintain.
 - It was pointed out that maintaining both structure point and access/driveway point addresses (along with driveways) provides the maximum benefit to users (especially emergency responders).
 - Access points can sometimes be problematic since homes can be far from the road in rural areas, or it can be difficult to tell while home is associated with each access point in more densely populated areas. Additionally, access points often don’t vertically align with the correct cadastral parcel, making it difficult to associate cadastral data with addresses.
 - While this hasn’t typically been a topic of discussion while meeting with local government address data providers, it would be a good additional thing to talk about.
 - Suggestion (via email after the meeting) about a best practice or recommended workflow for counties to maintain address data
 - Initial new address point could be collected with GPS at the road (or digitized based aerial imagery and cadastral parcels
 - Once the structure has been built, driveway and/or structure can be collected with a GPS point and verified with aerial imagery and/or cadastral parcels
 - Issue: for some areas parcels are very far out of alignment
 - It would be interesting to know more about what broadband providers are in the County and what the County itself is using
 - Opportunity Link grant – HUD/EPA/US DOT sustainability grant. Involves 12 counties and 4 tribes in the north/central part of the state. AmeriCorp Coordinator has been hired. It might be good to reach out to them and look for ways to possibly coordinate/collaborate.
 - Suggestion for a Structures/Addresses discussion at the Intermountain Conference about thinking outside the box regarding how the existing Structures/Addresses work can be leveraged. A “pie-in-the-sky”, “what would we like to do with unlimited resources” type discussion.
 - Suggestion for presentation/webinar on Next Generation 911 and how MSDI and Structures/Addresses can leverage each other’s efforts.